

## Summary of Current/Recent Test Programs

Informal Title         Parties         Contractor Completion (ASD)         Est. Cost (ASD)         Funding by others         Contact (ASD)         Est. Cost (ASD)         Funding by others         Contact (ASD)         Contact (ASD)         Ept. Cost others         Ept. Cost others         Completion (ASD)         Ept. Cost others         Ept. Completion         Mar-10 (ASD)         St. AM         S1.2M NIREL         Rafal           Ept. Cost of Oil Age on PM         EPA         EPA         None         Complete         Complete         S250K CRC         Mike C.           PM Speciation         EPA (ASD/ORD)         Arcadis/EPA         Late 2009         \$345k         Mike C.           In-Use Sulfur Effects         EPA, possibly autos         None         Early 2010         \$730K OAR         Mike C.           Light Duty Evap (E77-2b)         EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k         \$79K CRC         Connie           Evap High Emitters (E77-3)         EPA, CDPHE         ERG         Late 2009         \$1M         \$250 CRC         Connie           Nonroad Exhaust 1         EPA, CARB         SwRI         Late 2009         \$844k         Cheryl							
scts         EPA, CRC, DOE         SwRI         Completion         (ASD)         others           EPA         SwRI         Mar-10         \$5.4M         \$1.2M NREL         \$250K CRC         \$345K         \$345K         \$345K         \$345K         \$345K         \$345K         \$345K         \$345K CRC         \$345K CRC         \$345K CRC         \$345K CAR         \$345K CAR         \$345K CAR         \$345K CAR         \$3479K CAR         \$3479K CAR         \$3479K CAR         \$479K CAR         \$479K CAR         \$3479K CAR <td< th=""><th></th><th></th><th>Contractor</th><th>Est.</th><th></th><th>Funding by</th><th>Contact</th></td<>			Contractor	Est.		Funding by	Contact
sects         EPA, CRC, DOE         SwRI         Mar-10         \$5.4M         \$1.2M NREL           EPA         Repa         None         Complete         \$250K CRC           EPA (ASD/ORD)         Arcadis/EPA         Late 2009         \$345k         \$730K OAR           EPA, possibly autos         None         Early 2010         \$730K OAR           EPA, DOE, CRC         ATL         Complete         \$479K CRC           EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k         \$1250 CRC           EPA, CRC, NREL         SwRI         Mid-2009         \$10         \$125-\$250 NREL           EPA, CDPHE         ERG         Late 2009?         \$1M         \$125-\$250 NREL           EPA, CARB         Intertek Carnot         Early 2009         \$844k         \$500K CARB				letion		others	
EPA         None         \$250K CRC           EPA (ASD/ORD)         Arcadis/EPA         Late 2009         \$345k           EPA, possibly autos         None         Early 2010         \$730K OAR           EPA, DOE, CRC         ATL via SwRI         Complete         \$479K CRC           EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k         \$250 CRC           EPA, CRC, NREL         SwRI         Mid-2009         \$1M         \$125-\$250 NREL           EPA, CDPHE         ERG         Late 2009?         \$1M         \$125-\$250 NREL           EPA, DOE         Intertek Carnot         Early 2009         \$844k         \$500K CARB			SwRI	Mar-10		•	Rafal
EPA         None         Complete           EPA (ASD/ORD)         Arcadis/EPA         Late 2009         \$345k           EPA, possibly autos         None         Early 2010         \$730K OAR           EPA, DOE, CRC         ATL         Complete         \$479K CRC           EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k         \$250 CRC           EPA, CRC, NREL         SwRI         Mid-2009         \$1M         \$125-\$250 NREL           EPA, CDPHE         ERG         Late 2009?         \$1M         \$125-\$250 NREL           EPA, DOE         Intertek Carnot         Early 2009         \$844k         \$500K CARB						\$250K CRC	
EPA (ASD/ORD)         Arcadis/EPA         Late 2009         \$345k           EPA, possibly autos         None         Early 2010         \$730K OAR           EPA, possibly autos         None         Early 2010         \$730K OAR           EPA, DOE, CRC         ATL         Complete         \$479K CRC           EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k         \$250 CRC           EPA, CDPHE         ERG         Late 2009?         \$1M         \$125-\$250 NREL           EPA, DOE         Intertek Carnot         Early 2009         \$844k         \$500K CARB           EPA, CARB         SwRI         Jun-09         \$500K         \$500K CARB			None	Complete			Mike C.
EPA, possibly autos         None         Early 2010         \$730K OAR           EPA, DOE, CRC         ATL         Complete         \$479K CRC           EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k         \$250 CRC           EPA, CRC, NREL         SwRI         Mid-2009         \$10         \$125-\$250 NREL           EPA, CDPHE         ERG         Late 2009?         \$1M         \$125-\$250 NREL           EPA, DOE         Intertek Carnot         Early 2009         \$844k         \$500K CARB           EPA, CARB         SwRI         Jun-09         \$500K         \$500K CARB	PM Speciation	EPA (ASD/ORD)	Arcadis/EPA	Late 2009	\$345k		Mike C.
EPA, DOE, CRC         ATL         Complete         \$479K CRC           EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k         \$250 CRC           EPA, CRC, NREL         SwRI         Mid-2009         \$250 CRC         \$125-\$250 NREL           EPA, CDPHE         ERG         Late 2009?         \$1M         \$125-\$250 NREL           EPA, DOE         Intertek Carnot         Early 2009         \$844k         \$500K CARB           EPA, CARB         SwRI         Jun-09         \$500k         \$500K CARB	In-Use Sulfur Effects		None	Early 2010			Kent
EPA, CRC, NREL         ATL via SwRI         Late 2009         \$700k           EPA, CRC, NREL         SwRI         Mid-2009         \$250 CRC           EPA, CDPHE         ERG         Late 2009?         \$1M           EPA, DOE         Intertek Carnot         Early 2009         \$844k           EPA, CARB         SwRI         Jun-09         \$500K CARB			ATL	Complete		\$479K CRC	Connie
EPA, CRC, NREL         SwRI         Mid-2009         \$250 CRC           EPA, CDPHE         ERG         Late 2009?         \$1M         \$125-\$250 NREL           EPA, DOE         Intertek Carnot         Early 2009         \$844k         \$500K CARB           EPA, CARB         SwRI         Jun-09         \$500k         \$500K CARB			ATL via SwRI	Late 2009	\$700k		Connie
EPA, CDPHE         ERG         Late 2009?         \$1M           EPA, DOE         Intertek Carnot         Early 2009         \$844k           EPA, CARB         SwRI         Jun-09         \$500K CARB			SwRI	Mid-2009		\$250 CRC \$125-\$250 NREL	Connie
EPA, DOE Intertek Carnot Early 2009 \$844k  EPA, CARB SwRI Jun-09 \$500k \$500K CARB			ERG		\$1M		Connie
EPA, CARB SwRI Jun-09 \$500k \$500K CARB		EPA, DOE	Intertek Carnot	Early 2009	\$844k		Cheryl
			SwRI	Jun-09	\$500k		Cheryl